



US 20170054257A1

(19) **United States**(12) **Patent Application Publication**  
**Villarreal et al.**(10) **Pub. No.: US 2017/0054257 A1**(43) **Pub. Date: Feb. 23, 2017**(54) **DATA COMMUNICATIONS VIA LIMITED  
LENGTH AUDIO JACK****G06F 13/40** (2006.01)**G06F 13/10** (2006.01)(71) Applicant: **APPLE INC.**, Cupertino, CA (US)(52) **U.S. Cl.**CPC ..... **H01R 24/58** (2013.01); **G06F 13/102**  
(2013.01); **G06F 13/20** (2013.01); **G06F**  
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**ABSTRACT**(73) Assignee: **APPLE INC.**, Cupertino, CA (US)(21) Appl. No.: **15/253,649**(22) Filed: **Aug. 31, 2016****Related U.S. Application Data**(63) Continuation of application No. 13/841,628, filed on  
Mar. 15, 2013, now Pat. No. 9,436,761.**Publication Classification**(51) **Int. Cl.****H01R 24/58** (2006.01)**G06F 13/20** (2006.01)

Methods, systems, and apparatus for selectively communicating data and audio over a limited-size audio plug. A host device determines whether an audio accessory or a data communicating accessory is plugged therein via a signal, or lack thereof, communicated to the host device via the audio plug of the accessory. The host device then either communicates audio or data over the audio plug contacts that are typically used only for audio communication based on whether its connected to an audio accessory or data communicating accessory. An audio plug may also include a split-ring contact where multiple, independent contacts are formed in place of a single tip, ring, or sleeve contact. The split-ring contact may be used for communicating audio and/or data.

